

Intrinsically Safe - Gas		Part Number Coding									
LIPS® SERIES X111		X111	Travel	A	Calibration Adjuster	Conn / Cable and	Option 1	Option 2	Option 3	Option 4	Z000
Stand Alone Rugged Linear Position Sensor											
Travel											
mm of stroke	Value										
Electrical Interface Options											
Input											
Output											
+ 5 V dc	See below	A									
Calibration Adjusters - Axial (options J, L or M) only											
Trim Pots Accessible		Blank									
Sealed Trim Pots		Y									
Connector / Cable											
3 Core Cable - Radial Gland IP67	Please specify cable length in cm.	Ixx	eg. I2000 specifies 20 metres of 3 core cable with a radial cable gland								
5 Core Cable - Radial Gland IP67	Please specify cable length in cm.	IQxx	eg. IQ2000 specifies 20 metres of 5 core cable with a radial cable gland								
Connector - Axial IP65	Hirschmann GD series	J									
Connector - Axial IP67	M12 - 4 pin	J +	use Code J plus suffix Z600								
(for sensors with Trim Pots sealed)		Z600									
Connector - Axial IP67	M12 - 4 pin	J +	use Code J plus suffix Z601								
(for sensors with Trim Pots Accessible)		Z601									
Connector - Radial IP67	Hirschmann M12	K									
3 Core Cable Axial Gland IP67	Please specify cable length in cm.	Lxx	eg. L2000 specifies 20 metres of 3 core cable with an axial cable gland								
5 Core Cable Axial Gland IP67	Please specify cable length in cm.	LQxx	eg. LQ2000 specifies 20 metres of 5 core cable with an axial cable gland								
3 core cable with Short IP67 Axial Cable	Please specify cable length in cm.	Mxx	Note: restricted cable pull strength. eg. M2000								
5 core cable with Short IP67 Axial Cable	Please specify cable length in cm.	MQxx	Note: restricted cable pull strength. eg. MQ2000								
OPTIONS											
Body Fittings											
M8 Rod End on Body	Only available with options K & I	N	Option 1								
Body Clamps (1 pair)		P									
Body Clamps (2 pairs)		P2									
Spring Return Up to 300mm stroke only											
Spring return to extended position		R	Option 2								
Spring return to retracted position		S									
Push Rod End Fitting											
None - M8 female thread only	Standard option no code	Blank	Option 3								
Dome End (for use with option R)		T									
M8 Rod End on Push Rod		U									
Non Captive Push Rod											
Push Rod not retained in body		V	Option 4								
Tighter Linearity											
± 0.1% Linearity	from 10mm upto 400mm stroke only	Z650	Zsuffix								

Please Note: This sensor must be used with a Galvanic Isolation Amplifier - See X005 sheet for Output options.